

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	52	(Rezai.in. near Ali.in.) (Sharan.in. near Ashwini.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:02
S2	789	("Cleveland Clinic").as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 08:18
S4	18	"5711316".pn. "5938688".pn. "5925070".pn. "6058331".pn. "6368331".pn. "6161044".pn. US-20020032375-\$.did. US-20020183607-\$.did. US-20020116030-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:21
S5	316	(607/1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:50
S6	973	(607/2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 13:30
S7	412	(607/45).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 13:45
S8	454	(607/46).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:50

## EAST Search History

S10	19387	((607/1-76) or (607/115-156)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:51
S11	5021721	Pain or nociceptive or neuropathic or spinal adj cord or brain or nerve or tissue or body	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:03
S12	483742	implant\$4 or invasive or surgery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:03
S13	5672586	stimulat\$4 or signal or pulse or drug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:04
S14	86007	"pre-frontal cortex" or "orbitofrontal cortex" or "anterior limb" or "internal capsule" or "insular cortex" or "primary somatosensory cortex" or "posterior cingulate cortex" or "inferior frontal gyrus" or "middle frontal gyrus" or "superior frontal gyrus" or "medial frontal gyrus" or "parahippocampal gyrus" or "precuneus amygdala" or hippocampus or cerebral or cortex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:06

## EAST Search History

S15	6298	thalamus or "anterior nucleus" or "intralaminar thalamic nuclei" or "dorsomedial nucleus" or "mammillary body" or "lateral hypothalamus" or "locus coeruleus" or "dorsal raphe nucleus" or "substantia niagra pars compacta" or "substantia niagral pars reticulata" or "superior colliculus" or "tegmentum" or "ventral tegmentum" or "tectum" or "Medial thalamus" or "nucleus accumbens" or "ventral striatum" or "ventral pallidum"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:09
S16	28459	S11 and S12 and S13 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:12
S17	3777	S11 and S12 and S13 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:22
S18	1119	S16 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:12
S19	420	S17 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:15
S20	3283	S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:15

## EAST Search History

S21	360	S20 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:16
S25	206	S18 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:33
S26	103	S19 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:33
S27	681	S20 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:33
S28	90	S21 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:33
S29	58	("1935138"   "3822708"   "3850161"   "3918461"   "5002053"   "5121754"   "5181511"   "5324309"   "5332401"   "5370665").PN. OR ("5713922"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:01
S31	5022786	Pain or nociceptive or neuropathic or spinal adj cord or brain or nerve or tissue or body	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:22

## EAST Search History

S32	484000	implant\$4 or invasive or surgery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:22
S33	5674291	stimulat\$4 or signal or pulse or drug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:22
S34	86065	"pre-frontal cortex" or "orbitofrontal cortex" or "anterior limb" or "internal capsule" or "insular cortex" or "primary somatosensory cortex" or "posterior cingulate cortex" or "inferior frontal gyrus" or "middle frontal gyrus" or "superior frontal gyrus" or "medial frontal gyrus" or "parahippocampal gyrus" or "precuneus amygdala" or hippocampus or cerebral or cortex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:22
S35	6305	thalamus or "anterior nucleus" or "intralaminar thalamic nuclei" or "dorsomedial nucleus" or "mammillary body" or "lateral hypothalamus" or "locus coeruleus" or "dorsal raphe nucleus" or "substantia niagra pars compacta" or "substantia niagral pars reticulata" or "superior colliculus" or "tegmentum" or "ventral tegmentum" or "tectum" or "Medial thalamus" or "nucleus accumbens" or "ventral striatum" or "ventral pallidum"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:22
S36	28984	S31 and S32 and S33 and (S35 or S34)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:22

## EAST Search History

S37	19395	((607/1-76) or (607/115-156)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 11:32
S38	1179	S36 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:33
S39	76	S38 and opi\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:06
S40	343	S38 and "closed loop"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:33
S41	27	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:35
S42	22	("20020013612"   "20020087201"   "3850161"   "3918461"   "4411258"   "4646744"   "5193539"   "5193540"   "5312439"   "5713923"   "5938688"   "6016449"   "6051017"   "6066163"   "6253109"   "6263225"   "6319241"   "6353762"   "6366813"   "6415184"   "6463328"   "6526318").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 11:37
S43	44	S38 and (opium or opioid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:10

## EAST Search History

S44	20	S40 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:06
S45	328	607/2.ccls. and brain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:36
S47	190	607/45.ccls. and pain and brain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:46
S48	221	607/46.ccls. and pain and brain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:46
S50	397	S47 or S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:46
S52	42	S50 and (opium or opioid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 13:57
S53	19395	((607/1-76) or (607/115-156)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 13:57

## EAST Search History

S54	12	S53 and "endogenous opioids"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:35
S56	12	S53 and "endogenous opioids" and pain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:46
S59	774	endogenous adj opioid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:59
S60	582	S59 and pain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:59
S61	207	S59 and (chronic adj pain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:03
S63	3	S61 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:00
S64	45	S59 same (chronic adj pain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:03



## EAST Search History

S65	28	(US-20010003799-\$ or US-20050010262-\$ or US-20020161403-\$).did. or (US-6109269-\$ or US-6356784-\$ or US-6405079-\$ or US-6176242-\$ or US-5938689-\$ or US-5833709-\$ or US-5792186-\$ or US-5713922-\$ or US-5683422-\$ or US-5707396-\$ or US-6609030-\$ or US-6167311-\$ or US-6104956-\$ or US-6066163-\$ or US-6418344-\$ or US-5938688-\$ or US-6128537-\$ or US-6567702-\$ or US-5925070-\$ or US-5330515-\$ or US-5782798-\$ or US-5713923-\$ or US-5713847-\$ or US-1464898-\$). did. or (US-5938688-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/28 07:35
S66	15	S65 and loop	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/28 07:35
S67	9	S65 and (closed adj loop)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/28 07:56
S68	3	S65 and opioid	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/28 07:58
S70	253	(endogenous adj opioid) same pain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 08:03
S71	45	(endogenous adj opioid) same (chronic adj pain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 08:03



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Time Result

#6 Search #5 and brain Sort by: PublicationDate

08:21:45 37

#5 Search #4 and stimulation

08:19:18 106

#4 Search #2 and (chronic pain)

08:18:54 468

#3 Search #2 and (chronic pain)\

08:18:43 468

#2 Search endogenous opioid

08:18:10 28222

#1 Search endogenous adj opioid

08:18:06 0

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